

FEED ANALYSIS REPORT

Kiewa Catchment Landcare Groups
387 Hellhole Creek Rd
Kergunyah VIC 3691

ATTENTION
FAX NUMBER

Belinda Pearce

PURCHASE ORDER
PROJECT NUMBER

LANDCARE
J1410-1492

DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30187
YOUR REFERENCE Doyle 1.1
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 22 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	91.2
Moisture (%)	8.8
Crude Protein (% of dry matter)	9.1
Acid Detergent Fibre (% of dry matter)	35.0
Neutral Detergent Fibre (% of dry matter)	64.6
Digestibility (DMD) (% of dry matter)	50.5
Digestibility (DOMD) (Calculated) (% of dry matter)	49.6
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	7.1

Note: This report is not to be reproduced except in full.

Final Report

Report Number: 119370

Comments:

Metabolisable Energy has been calculated using the following equation:

$$ME = (0.203 \times \text{DOMD}\%) - 3.001$$



Joanne Warnes

Analyst, Quality & Milling Laboratory

03 November 2014

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LANDCARE
J1410-1492

DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30188
YOUR REFERENCE Doyle 1.2
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 22 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	92.3
Moisture (%)	7.7
Crude Protein (% of dry matter)	11.8
Acid Detergent Fibre (% of dry matter)	34.0
Neutral Detergent Fibre (% of dry matter)	64.4
Digestibility (DMD) (% of dry matter)	57.1
Digestibility (DOMD) (Calculated) (% of dry matter)	55.2
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	8.2

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LANDCARE
J1410-1492

DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30189
YOUR REFERENCE Doyle 2.1
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 22 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	91.0
Moisture (%)	9.0
Crude Protein (% of dry matter)	8.8
Acid Detergent Fibre (% of dry matter)	34.4
Neutral Detergent Fibre (% of dry matter)	65.1
Digestibility (DMD) (% of dry matter)	53.1
Digestibility (DOMD) (Calculated) (% of dry matter)	51.8
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	7.5

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J1410-1492

DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30190
YOUR REFERENCE Doyle 2.2
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 22 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	91.2
Moisture (%)	8.8
Crude Protein (% of dry matter)	10.5
Acid Detergent Fibre (% of dry matter)	32.3
Neutral Detergent Fibre (% of dry matter)	62.7
Digestibility (DMD) (% of dry matter)	57.0
Digestibility (DOMD) (Calculated) (% of dry matter)	55.1
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	8.2

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LANDCARE
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DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30191
YOUR REFERENCE Doyle 3.1
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 22 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	91.5
Moisture (%)	8.5
Crude Protein (% of dry matter)	7.7
Acid Detergent Fibre (% of dry matter)	36.9
Neutral Detergent Fibre (% of dry matter)	67.8
Digestibility (DMD) (% of dry matter)	51.0
Digestibility (DOMD) (Calculated) (% of dry matter)	50.0
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	7.2

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DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30192
YOUR REFERENCE Doyle 3.2
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 22 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	91.6
Moisture (%)	8.4
Crude Protein (% of dry matter)	10.7
Acid Detergent Fibre (% of dry matter)	34.1
Neutral Detergent Fibre (% of dry matter)	64.8
Digestibility (DMD) (% of dry matter)	53.5
Digestibility (DOMD) (Calculated) (% of dry matter)	52.2
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	7.6

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LANDCARE
J1410-1492

DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30193
YOUR REFERENCE Doyle Weeping Burn
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 22 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	91.2
Moisture (%)	8.8
Crude Protein (% of dry matter)	11.9
Acid Detergent Fibre (% of dry matter)	29.6
Neutral Detergent Fibre (% of dry matter)	58.9
Digestibility (DMD) (% of dry matter)	60.6
Digestibility (DOMD) (Calculated) (% of dry matter)	58.2
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	8.8

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Comments:

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LANDCARE
J1410-1492

DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30194
YOUR REFERENCE Doyle Weeping No Burn
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 22 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	90.6
Moisture (%)	9.4
Crude Protein (% of dry matter)	12.1
Acid Detergent Fibre (% of dry matter)	29.5
Neutral Detergent Fibre (% of dry matter)	58.5
Digestibility (DMD) (% of dry matter)	62.2
Digestibility (DOMD) (Calculated) (% of dry matter)	59.5
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	9.1

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 $ME = (0.203 \times \text{DOMD}\%) - 3.001$



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DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30195
YOUR REFERENCE Hayes 1.1
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	91.1
Moisture (%)	8.9
Crude Protein (% of dry matter)	11.9
Acid Detergent Fibre (% of dry matter)	31.8
Neutral Detergent Fibre (% of dry matter)	62.1
Digestibility (DMD) (% of dry matter)	61.5
Digestibility (DOMD) (Calculated) (% of dry matter)	58.9
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	9.0

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DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30196
YOUR REFERENCE Hayes 1.2
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	91.8
Moisture (%)	8.2
Crude Protein (% of dry matter)	12.9
Acid Detergent Fibre (% of dry matter)	31.7
Neutral Detergent Fibre (% of dry matter)	62.3
Digestibility (DMD) (% of dry matter)	61.5
Digestibility (DOMD) (Calculated) (% of dry matter)	58.9
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	9.0

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DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30197
YOUR REFERENCE Hayes 1.3
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	91.8
Moisture (%)	8.2
Crude Protein (% of dry matter)	13.5
Acid Detergent Fibre (% of dry matter)	30.9
Neutral Detergent Fibre (% of dry matter)	60.7
Digestibility (DMD) (% of dry matter)	63.7
Digestibility (DOMD) (Calculated) (% of dry matter)	60.8
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	9.3

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DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30198
YOUR REFERENCE Hayes 1.4
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	90.9
Moisture (%)	9.1
Crude Protein (% of dry matter)	12.2
Acid Detergent Fibre (% of dry matter)	31.6
Neutral Detergent Fibre (% of dry matter)	61.5
Digestibility (DMD) (% of dry matter)	61.4
Digestibility (DOMD) (Calculated) (% of dry matter)	58.8
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	8.9

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DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30199
YOUR REFERENCE Hayes 2.1
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	91.2
Moisture (%)	8.8
Crude Protein (% of dry matter)	13.0
Acid Detergent Fibre (% of dry matter)	30.8
Neutral Detergent Fibre (% of dry matter)	60.0
Digestibility (DMD) (% of dry matter)	63.3
Digestibility (DOMD) (Calculated) (% of dry matter)	60.5
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	9.3

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LANDCARE
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DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30200
YOUR REFERENCE Hayes 2.2
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	90.5
Moisture (%)	9.5
Crude Protein (% of dry matter)	13.2
Acid Detergent Fibre (% of dry matter)	31.5
Neutral Detergent Fibre (% of dry matter)	62.1
Digestibility (DMD) (% of dry matter)	63.1
Digestibility (DOMD) (Calculated) (% of dry matter)	60.3
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	9.2

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Comments:

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DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30201
YOUR REFERENCE Hayes 2.3
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	90.1
Moisture (%)	9.9
Crude Protein (% of dry matter)	13.1
Acid Detergent Fibre (% of dry matter)	29.9
Neutral Detergent Fibre (% of dry matter)	61.0
Digestibility (DMD) (% of dry matter)	64.3
Digestibility (DOMD) (Calculated) (% of dry matter)	61.3
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	9.4

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LANDCARE
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DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30202
YOUR REFERENCE Hayes 2.4
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	89.3
Moisture (%)	10.7
Crude Protein (% of dry matter)	12.7
Acid Detergent Fibre (% of dry matter)	29.9
Neutral Detergent Fibre (% of dry matter)	60.6
Digestibility (DMD) (% of dry matter)	62.6
Digestibility (DOMD) (Calculated) (% of dry matter)	59.9
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	9.2

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ATTENTION
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PROJECT NUMBER

LANDCARE
J1410-1492

DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30203
YOUR REFERENCE Hayes 3.1
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	90.1
Moisture (%)	9.9
Crude Protein (% of dry matter)	10.2
Acid Detergent Fibre (% of dry matter)	32.0
Neutral Detergent Fibre (% of dry matter)	62.6
Digestibility (DMD) (% of dry matter)	61.8
Digestibility (DOMD) (Calculated) (% of dry matter)	59.1
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	9.0

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DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30204
YOUR REFERENCE Hayes 3.2
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	89.9
Moisture (%)	10.1
Crude Protein (% of dry matter)	12.4
Acid Detergent Fibre (% of dry matter)	30.2
Neutral Detergent Fibre (% of dry matter)	60.8
Digestibility (DMD) (% of dry matter)	62.3
Digestibility (DOMD) (Calculated) (% of dry matter)	59.6
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	9.1

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DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30205
YOUR REFERENCE Hayes 3.3
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	90.6
Moisture (%)	9.4
Crude Protein (% of dry matter)	12.5
Acid Detergent Fibre (% of dry matter)	31.0
Neutral Detergent Fibre (% of dry matter)	61.6
Digestibility (DMD) (% of dry matter)	62.5
Digestibility (DOMD) (Calculated) (% of dry matter)	59.8
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	9.1

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DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30206
YOUR REFERENCE Hayes 3.4
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	90.7
Moisture (%)	9.3
Crude Protein (% of dry matter)	12.9
Acid Detergent Fibre (% of dry matter)	31.1
Neutral Detergent Fibre (% of dry matter)	61.7
Digestibility (DMD) (% of dry matter)	62.3
Digestibility (DOMD) (Calculated) (% of dry matter)	59.6
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	9.1

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Metabolisable Energy has been calculated using the following equation:

$$ME = (0.203 \times \text{DOMD}\%) - 3.001$$



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DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30207
YOUR REFERENCE Sinclair 1.1
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	91.3
Moisture (%)	8.7
Crude Protein (% of dry matter)	10.3
Acid Detergent Fibre (% of dry matter)	32.6
Neutral Detergent Fibre (% of dry matter)	62.6
Digestibility (DMD) (% of dry matter)	58.5
Digestibility (DOMD) (Calculated) (% of dry matter)	56.4
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	8.5

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Comments:

Metabolisable Energy has been calculated using the following equation:

$$ME = (0.203 \times \text{DOMD}\%) - 3.001$$



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DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30208
YOUR REFERENCE Sinclair 1.3
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	91.3
Moisture (%)	8.7
Crude Protein (% of dry matter)	11.2
Acid Detergent Fibre (% of dry matter)	31.1
Neutral Detergent Fibre (% of dry matter)	61.6
Digestibility (DMD) (% of dry matter)	61.3
Digestibility (DOMD) (Calculated) (% of dry matter)	58.8
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	8.9

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Comments:

Metabolisable Energy has been calculated using the following equation:

$$ME = (0.203 \times \text{DOMD}\%) - 3.001$$



Joanne Warnes

Analyst, Quality & Milling Laboratory

03 November 2014

FEED ANALYSIS REPORT

Kiewa Catchment Landcare Groups
387 Hellhole Creek Rd
Kergunyah VIC 3691

ATTENTION
FAX NUMBER

Belinda Pearce

PURCHASE ORDER
PROJECT NUMBER

LANDCARE
J1410-1492

DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30209
YOUR REFERENCE Sinclair 1.4
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	91.5
Moisture (%)	8.5
Crude Protein (% of dry matter)	9.0
Acid Detergent Fibre (% of dry matter)	35.0
Neutral Detergent Fibre (% of dry matter)	66.0
Digestibility (DMD) (% of dry matter)	60.0
Digestibility (DOMD) (Calculated) (% of dry matter)	57.6
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	8.7

Note: This report is not to be reproduced except in full.

Final Report

Report Number: 119370

Comments:

Metabolisable Energy has been calculated using the following equation:

$$ME = (0.203 \times \text{DOMD}\%) - 3.001$$



Joanne Warnes

Analyst, Quality & Milling Laboratory

03 November 2014

FEED ANALYSIS REPORT

Kiewa Catchment Landcare Groups
387 Hellhole Creek Rd
Kergunyah VIC 3691

ATTENTION
FAX NUMBER

Belinda Pearce

PURCHASE ORDER
PROJECT NUMBER

LANDCARE
J1410-1492

DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30210
YOUR REFERENCE Sinclair 2.3
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	91.6
Moisture (%)	8.4
Crude Protein (% of dry matter)	8.4
Acid Detergent Fibre (% of dry matter)	35.6
Neutral Detergent Fibre (% of dry matter)	67.5
Digestibility (DMD) (% of dry matter)	59.8
Digestibility (DOMD) (Calculated) (% of dry matter)	57.5
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	8.7

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Final Report

Report Number: 119370

Comments:

Metabolisable Energy has been calculated using the following equation:

$$ME = (0.203 \times \text{DOMD}\%) - 3.001$$



Joanne Warnes

Analyst, Quality & Milling Laboratory

03 November 2014

FEED ANALYSIS REPORT

Kiewa Catchment Landcare Groups
387 Hellhole Creek Rd
Kergunyah VIC 3691

ATTENTION
FAX NUMBER

Belinda Pearce

PURCHASE ORDER
PROJECT NUMBER

LANDCARE
J1410-1492

DATE RECEIVED 29 October 2014
OUR SAMPLE NUMBER S2014-30211
YOUR REFERENCE Sinclair 2.4
SAMPLE TYPE Pasture Fresh
DESCRIPTION
DATE SAMPLE COLLECTED 23 October 2014

TEST	Result
NIR Package	
Dry Matter (%)	91.8
Moisture (%)	8.2
Crude Protein (% of dry matter)	7.7
Acid Detergent Fibre (% of dry matter)	37.9
Neutral Detergent Fibre (% of dry matter)	69.8
Digestibility (DMD) (% of dry matter)	57.1
Digestibility (DOMD) (Calculated) (% of dry matter)	55.2
Est. Metabolisable Energy (Calculated) (MJ/kg DM)	8.2

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Final Report

Report Number: 119370

Comments:

Metabolisable Energy has been calculated using the following equation:

$$ME = (0.203 \times \text{DOMD}\%) - 3.001$$



Joanne Warnes

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03 November 2014